

## MAP2K6

### Rabbit Anti-Human Mitogen-Activated Protein Kinase 6 Clone Poly6047 Affinity Purified pAb

<b>Catalog No.</b>	CSI12011 CSI12012	<b>Quantity:</b>	50 µl 200 µl
<b>Alternate Names:</b>	Mitogen-activated protein kinase 6, MAPK/ERK kinase 6, MEK6, MAP kinase, kinase 6		
<b>Description:</b>	MKK6 (Mitogen-activated protein kinase 6, MAPK/ERK kinase 6) is a 37 kD serine/threonine kinase family, MAP kinase subfamily. Two isoforms of MKK6 have been reported; MKK6 (only heart), MKK6B muscle, heart, liver, and pancreas. MKK6 phosphorylates and activates MAP kinase p38 and stress-activated kinase JNK. MKK6 is activated by UV, anisomycin, and osmotic shock. MKK6 is phosphorylated (Ser 207/Thr 211). MKK6 has been shown to interact with ASK-1 kinase. The Poly6047 antibody recognizes the N-terminal region of both human and mouse MKK6 and has been shown to be useful for Western blotting.		
<b>Modification:</b>	Phosphorylation (Ser 207/Thr 211).		
<b>Gene ID:</b>	5608		
<b>Regulation:</b>	Activated by UV, anisomycin, osmotic shock.		
<b>Distribution:</b>	MKK6 (only heart), MKK6B muscle, heart, liver, pancreas.		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	Recombinant (partial) , N-terminal		
<b>Isotype:</b>	Rabbit IgG		
<b>Clone:</b>	Poly6047		
<b>Structure:</b>	Serine/Threonine kinase family, MAP kinase subfamily; 37 kD.		
<b>Formulation:</b>	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	The antibody was purified by Protein A affinity chromatography.		
<b>Function:</b>	Phosphorylates, activates MAP kinase p38 and stress-activated kinase JNK		
<b>Reactivity:</b>	Mouse, Human		

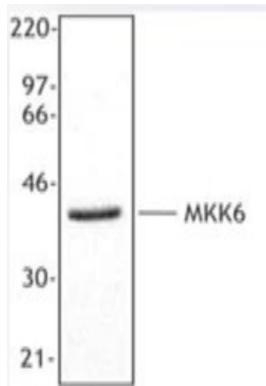


**Applications:** Western Blot

**Recommended Usage:** Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10  $\mu$ l per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

**Storage & Stability:** Upon receipt, store frozen at -20° C. **Avoid repeated freeze-thaw cycles.**

Jurkat cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-MKK6 antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



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